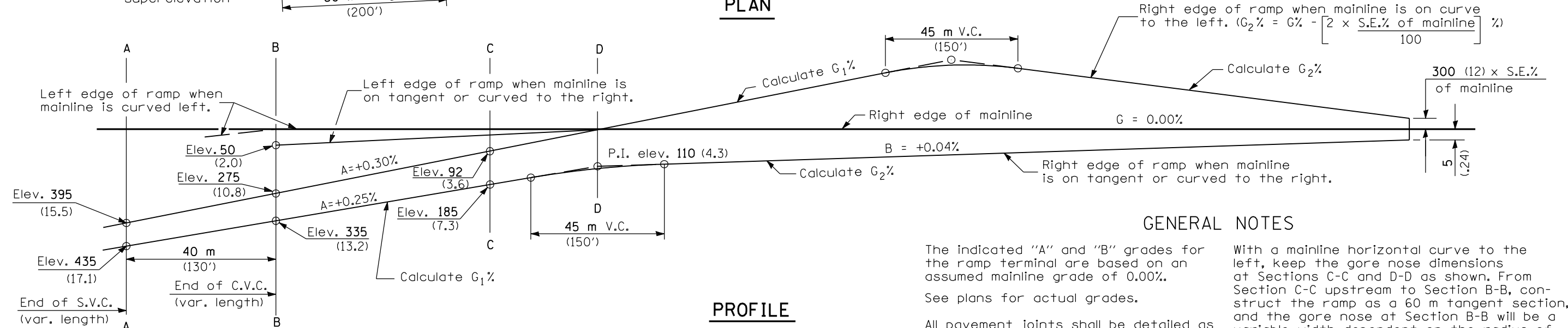


PLAN



PROFILE

GENERAL NOTES

- The indicated "A" and "B" grades for the ramp terminal are based on an assumed mainline grade of 0.00%. See plans for actual grades.
- All pavement joints shall be detailed as shown on Standards 420001 and 483001.
- See Standard 483001 for ramp shoulder details.
- Between Sections A-A and B-B (shaded area), provide a drainage swale and flush inlet to enhance drainage.
- When using grades expressed in %, the grade value shall be divided by 100 to obtain vertical offsets.
- When radius R1 is less than 230 (760 ft), the acceleration length shall be recalculated.
- With a mainline horizontal curve to the left, keep the gore nose dimensions at Sections C-C and D-D as shown. From Section C-C upstream to Section B-B, construct the ramp as a 60 m tangent section, and the gore nose at Section B-B will be a variable width dependent on the radius of the mainline curve. Show a special cross-section on the plans for Section B-B.
- With a mainline horizontal curve to the right, keep the gore nose dimensions at Sections D-D, C-C, and B-B as shown, and the edge of the ramp between Sections C-C and B-B (60 m distance) is constructed as a compound curve tying Section C-C.
- All dimensions are in millimeters (inches) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2007

ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2007

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

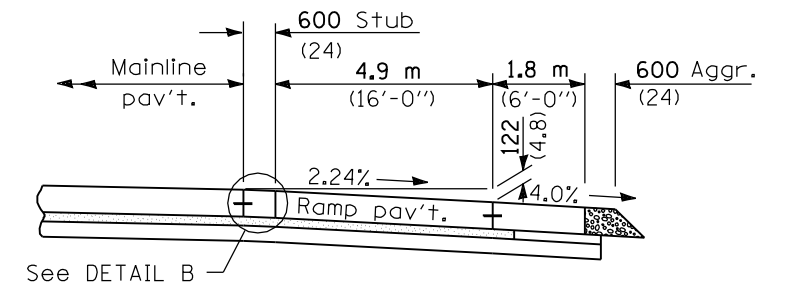
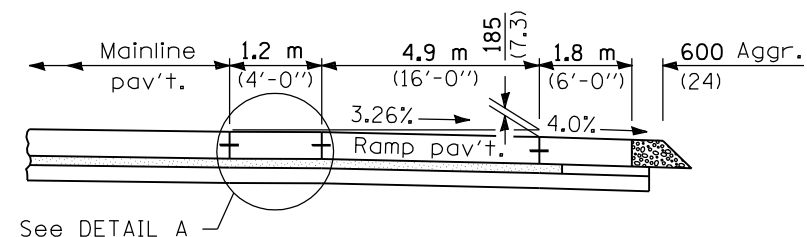
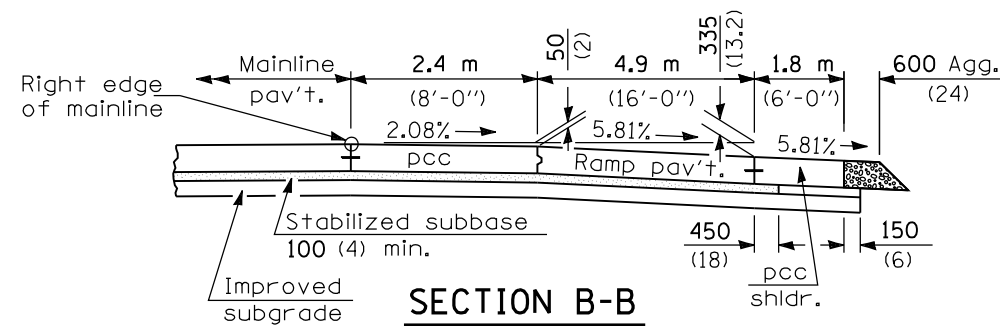
DATE	REVISIONS
1-1-07	Added General Note stating when to recalc. acceleration length.
4-1-06	Made length of ramp taper perpendicular to mainline.

ENTRANCE RAMP TERMINAL

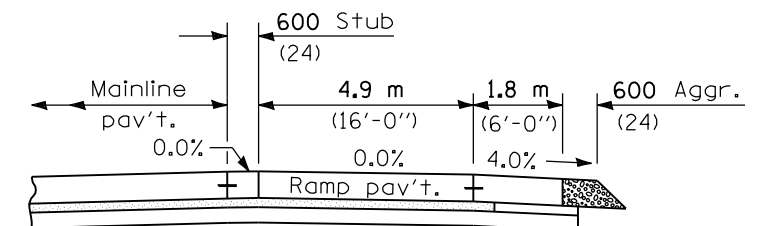
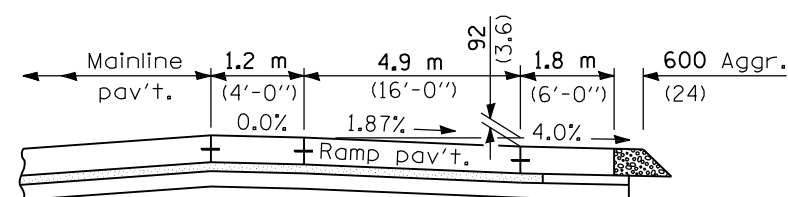
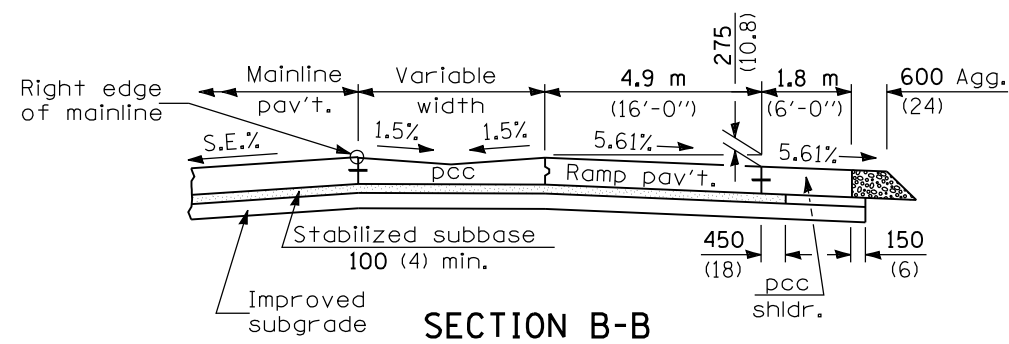
(JOINTED PCC RAMP PAVEMENT ADJACENT TO JOINTED PCC MAINLINE PAVEMENT)

(Sheet 1 of 2)

STANDARD 420201-06



CROSS SECTIONS WHEN MAINLINE IS ON TANGENT OR CURVED TO THE RIGHT



CROSS SECTIONS WHEN MAINLINE IS CURVED TO THE LEFT

